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HAMILI N, BROOK, SMITH & REYNC ... DS, P.C.

ELECTROCHEMICAL PREFERENTIAL OXIDATION OF CARBON MONOXIDE FROM REFORMATE

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Title

Application Number	10/566,405	
International Filing Date	July 23, 2004	_
First Named Inventor	Ravindra Datta	
Confirmation Number		
Group Art Unit		
Examiner Name		
Attorney Docket Number	1021.2009-005	

I hereby appoint [X] Practitioners associated with Customer No. 021005 Practitioner(s) named below: as my/our attorneys/agents to prosecute the application identified above, including any continuation or divisional applications thereof, and to transact all business in the United States Patent and Trademark Office connected therewith. Please recognize or change the correspondence address for the above-identified application to: [X] Customer Number 021005 Hamilton, Brook, Smith & Reynolds, P.C. 530 Virginia Road P.O. Box 9133 Concord, Massachusetts 01742-9133 Please direct all telephone calls and facsimiles to: Tel. No. Name N. Scott Pierce 978-341-00**3**6 Fax No. I am the: Applicant/Inventor. Authorized representative of the Assignee, Worcester Polytechnic Institute, of the entire interest. See 37 C.F.R. § 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed. Authorized representative of the Assignee, [], together with [], of the entire interest. A Statement under 37 C.F.R. § 3.73(b) is enclosed. SIGNATURE of Applicant or Assignee of Record Signature Name & Title

mPFDesktopic:ODMA/MHGDMA/HBSR05;iMenage;605915;

Docket No. 1021,2009-005

STATEMENT UNDER 37 CFR § 3.73(b)

• •		ntee: Ravindra Datta and Jingxin	
		./Patent No.: 10/566,405	International Filing Date: July 23, 2004
Entitle	d:	ELECTROCHEMICAL PREF	ERENTIAL OXIDATION OF CARBON MONOXIDE FROM REFORMATE
		Worcester Polytechnic Institut	e , a university
-		(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states t	hat it is		
A.	[X]	the assignee of the entire right,	title and interest in the patent application/patent identified above; or
B.	[]	an assignee together with [identified above.	of the entire right, title and interest in the patent application/patent
The rig	ht, title a	and interest of the above-named a	ssignee in the patent application/patent identified above is established by virtue of
A. [X]			the patent application/patent identified above. The assignment was recorded in the, Frame, or a copy thereof is attached.
OR		•	
B. []	A chair below:	• •	the patent application/patent identified above, to the current assignee as shown
	i.	The document was recorded in	To: the United States Patent and Trademark Office at, or a copy thereof is attached.
	2.	From:	To:
			the United States Patent and Trademark Office at
			or a copy thereof is attached.
	3.	From:	To:To: the United States Patent and Trademark Office at
		The document was recorded in Reel, Frame	the United States Patent and Trademark Office at, or a copy thereof is attached.
	[] A	dditional documents in the chain	of title are listed on a supplemental sheet.
		37 CFR 3.73(b)(1)(i), the docume is being, submitted for recordation	entary evidence of the chain of title from the original owner to the assignee was, on pursuant to 37 CFR 3.11.
The un	dersigned	d (whose title is supplied below)	is authorized to act on behalf of the assignee.
Signatu	пе:	Whith my	
Name:	6 M	ichael B. Mahi	on the second se
Title:_	Dire	the of Technology	Transfor
	<i>;</i> ⊋	ムールー	

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Docket No. 1021.2009-005

Joint

<u>ASSIGNMENT</u>

WHEREAS, we, Ravindra Datta and Jingxin Zhang, have invented a certain improvement in Electrochemical Preferential Oxidation of Carbon Monoxide From Reformate described in an application for Patent,

	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
[]	is about to be filed in the United States Patent Office as a Provisional Application;
[]	the specification of which is United States Application No. [], filed [];
[X]	the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/US2004/023889, filed July 23, 2004, which designates the United States of America and assigned United States Application No. 10/566,405;
[]	which was patented under United States Patent No. [].

WHEREAS, Worcester Polytechnic Institute (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at 100 Institute Road, Worcester, Massachusetts 01609 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application. together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made: we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIONEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

date set forth below.	WHEREOF, we ha		r hands and affixed our seals the
Inventor's Signature:			
State/Commonwealth		Ravindra I	Datta
of			
County of			
	ıy of	, 20	, before me, the undersigned
personally known	to me, or		
proved to me throt	ngh satisfactory evi	dence of identifica	tion, which was
to be the person whose na acknowledged that he/she	ime was signed on signed the forego	the foregoing instr ing instrument as h	ument in my presence, and is/her free act and deed.
(SEAL)			Notary Public
	•		(print name)
	My Commiss	ion expires	//_

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Inventor's Signature:
Jingxin Zhang State/Commonwealth
or New York
County of Monvoc
On this 22 day of March, 2007, before me, the undersigned notary public, personally appeared Jingxin Zhang,
personally known to me, or
proved to me through satisfactory evidence of identification, which was
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.
(SEAL) James L. Saller L. (print name)
James L. Saller 1. (print name)
My Commission expires <u>8/21/09</u>

TOPP Deskrops ODMA/MHODMA/IIBSR05.1Mmage;605574;1

Joint

ASSIGNMENT

WHEREAS, we, Ravindra Datta and Jingxin Zhang, have invented a certain improvement in Electrochemical Preferential Oxidation of Carbon Monoxide From Reformate described in an application for Patent.

[]	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
[]	is about to be filed in the United States Patent Office as a Provisional Application;
[]	the specification of which is United States Application No. [], filed [];
[X]	the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/US2004/023889, filed July 23, 2004, which designates the United States of America and assigned United States Application No. 10/566,405;
[]	which was patented under United States Patent No. [].

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

Docket No. 1021.2009-005

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the

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	Docket No. 1021.2009-00:
Inventor's Signature:	
State/Commonwealth	Jingxin Zhang
of	
County of	
On this day on this day on the day of the d	of, 20, before me, the undersigned beared Jingxin Zhang,
personally known to i	ne, or
proved to me through	satisfactory evidence of identification, which was
to be the person whose name acknowledged that he/she sig	was signed on the foregoing instrument in my presence, and med the foregoing instrument as his/her free act and deed.
(SEAL)	Notary Public
	(print name)
	My Commission expires//

@PFDeskrop\::ODMA/MHODMA/HBSR05;iManage;605574;1